

OIPE

## RAW SEQUENCE LISTING

DATE: 01/15/2002

PATENT APPLICATION: US/10/027,450

TIME: 15:31:38

Input Set : A:\BB1126 USDIV Seq List.txt

Output Set: N:\CRF3\01152002\J027450.raw

**Does Not Comply**  
**Corrected Diskette Needed**

3 <110> APPLICANT: Falco, Saverio Carl  
 4 Hitz, William D.  
 5 Kinney, Anthony J.  
 6 Cahoon, Rebecca E.  
 7 Rafalski, J. Antoni  
 9 <120> TITLE OF INVENTION: PLANT BRANCHED CHAIN AMINO ACID BIOSYNTHETIC ENZYMES  
 11 <130> FILE REFERENCE: BB-1126  
 C--> 13 <140> CURRENT APPLICATION NUMBER: US/10/027,450  
 C--> 14 <141> CURRENT FILING DATE: 2001-12-20  
 16 <150> PRIOR APPLICATION NUMBER: 60/063,423  
 W--> 17 <151> PRIOR FILING DATE: 1997 October 28 1997-10-28  
 19 <160> NUMBER OF SEQ ID NOS: 54  
 21 <170> SOFTWARE: Microsoft Word Version 7.0A

## ERRORED SEQUENCES

2545 <210> SEQ ID NO: 54  
 2546 <211> LENGTH: 113  
 2547 <212> TYPE: PRT  
 2548 <213> ORGANISM: Lactococcus lactis  
 2550 <400> SEQUENCE: 54  
 2551 Met Lys Thr Tyr Lys Gly Thr Ser Val Val Met Asn Asp Asn Asp Thr  
 2552 1 5 10 15  
 2554 Asp Lys Lys Ala Asp Lys Lys Gly Gly Lys Asn Tyr Trp Arg Tyr Lys  
 2555 20 25 30  
 2557 Asp Tyr Asp Asn Asp Asn Ala Lys Tyr Lys Lys Ala Ser Ser Gly Asp  
 2558 35 40 45  
 2560 Asn Gly Ser Gly Ser Ser Arg His Ala Ala Trp Ala Ser Asp Tyr Gly  
 2561 50 55 60  
 2563 Arg Ala Ala Gly Ser Tyr Ser Asp Tyr Asn Asn Ala Lys Asn Gly Lys  
 2564 65 70 75 80  
 2566 Arg Val Asn Thr Lys Ser Ser Thr Asp His Thr Ser Gly Asp His Asp  
 2567 85 90 95  
 2569 Trp Lys Asp Lys Asn Gly Asp Asp Gly Thr Tyr Ala Ser Ala Tyr Lys  
 2570 100 105 110  
 2572 Asn  
 E--> 2576 41  
 E--> 2578 1. Docket Number *delete*

## VERIFICATION SUMMARY

DATE: 01/15/2002

PATENT APPLICATION: US/10/027,450

TIME: 15:31:39

Input Set : A:\BB1126 USDIV Seq List.txt

Output Set: N:\CRF3\01152002\J027450.raw

L:13 M:270 C: Current Application Number differs, Replaced Application Number  
L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:17 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD  
L:362 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:5  
L:362 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5  
L:402 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:6  
L:402 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:694 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:12  
L:694 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12  
L:695 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:12  
L:695 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12  
L:696 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:12  
L:696 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12  
L:697 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:12  
L:697 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12  
L:731 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:13  
L:731 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13  
L:1844 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:37  
L:1844 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37  
L:1976 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:39  
L:1976 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39  
L:1977 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:39  
L:1977 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39  
L:1978 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:39  
L:1978 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39  
L:1979 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:39  
L:1979 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39  
L:2009 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:40  
L:2009 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40  
L:2061 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:42  
L:2061 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42  
L:2416 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:51  
L:2416 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51  
L:2576 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:54  
L:2578 M:333 E: Wrong sequence grouping, Amino acids not in groups!  
L:2578 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:2  
L:2578 M:252 E: No. of Seq. differs, <211>LENGTH:Input:113 Found:115 SEQ:54